

# LOADSTAR LETTER

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## CMD Utilities Now Shipping In The US

CMD's long-awaited utility package is shipping, and may be ordered from CMD. The utilities are for CMD drive owners of all types who crave added power in volume backup, file copying and partition copying. Says CMD in an interview, "CMD Utilities contains enhanced versions of FCOPY and BCOPY, plus a number of other disk utilities that we think will be useful to CMD device owners and other users."

## Madman Shipping Compression Kit

MADMAN SOFTWARE has pulled out the stops and released COMPRESSION KIT to the public. COMPRESSION KIT is a menu-driven archiving system that supports while disk/partition compression, disk copier and more. It's now shipping, and I have a copy, which I will review next month. For those who don't know, the compression kit is for archiving disks of all sorts. I've taken a short look at it, and it is powerful, but is not suggested for people with only one 1541 drive.

Talking to Gene Barker over the phone, I hear that MESSIAH III, "a game too big to fit on a 1581 disk", is on the way, too, and I can't wait to review it.

## USAF Ink Jets Thwart Spy Rings

I often venture to Creswell Grocery, right across the street from Sofdisk, for a rigorous/political debate with the owner of the store. He recently informed me that he pushed papers for the stealth bomber when he was in the Air Force. He said that no one knew what they were typing or how it was relevant to anything else, but they typed it. Somewhere down the line, people with proper security clearance read the completed documents. Well, spies were able to listen to the hammers of the IBM SELECTRIC typewriters they used and decipher what they were typing. Security moved the typists

from stalls to soundproof rooms, where they resumed claustrophobic typing. Then one day someone brought in a strange new typewriter. He typed a letter and there was no sound. *An Ink Jet.* And the spies went home sobbing. For more on ink jets, read the Canon BJ-5 Review on page 4.

## It's ALIVE (Again)!

MICROBYTES ceased publication a few months back, and with it Paul McAleer, teenage publishing magnate, has vanished from the Commodore scene, seeking opportunities with his new 486. In the meantime Greg Noggle has taken over MICROBYTES. LOADSTAR received its complimentary copy of MICROBYTES a few weeks ago. Greg Noggle: 1-608-246-8433.

## C-128/64 Emulators Coming To Amiga

A LOADSTAR subscriber called to tell us that we should mention the C-64 EMULATOR he had. Currently there is one dominant software emulator. But over on the AMIGA front, EMPLANT is hot. EMPLANT is a hardware/software means to emulate other computer platforms. Naturally IBM and MAC are targets for emulation, but so are the Commodore 128 and 64! We might finally get a version of the C-64 that's five or ten times faster than normal, depending on the Amiga system. If the emulation speeds grow high enough. I sat in on a high powered discussion on GENIE and heard good things about the C-64. The C-64 has not been forgotten by Amiga developers. They know that people who buy Amigas often have vast libraries of C-64 software that they still want to run. For those who can only afford to have one computer system, emulators and emulation cards are one option.

Right now A64, by QUESTRONIX is hailed as the best emulator. I have a copy of V2 (shareware) and it's better than my commercial READYSOFT emulator. I've contacted QUESTRONIX, and will be reviewing the commercial A64V3 package soon. In the mean time, if you buy an Amiga, keep that C-64!



## MIDI Corner: The BOSS DS-330

The **BOSS DR. SYNTH DS-330** is a tiny black tone generator, hardly the size of two red bricks. A tone generator is a keyboard without keys, designed to be controlled through its MIDI interface. Because tone generators are smaller and cheaper than keyboards, they are usually a bargain, and if you already have a MIDI keyboard, you might not want another full sized one taking up all that room.

The **BOSS** unit is manufactured by music giant, **ROLAND**. The **DS-330** offers high bang for the buck with 28 voice polyphony, 16 digital stereo effects, stereo imaging control for each voice, random panning, 16-part multi-timbral operation. In addition to the stereo effects, you can add reverb and/or chorus to each voice.

The **DS-330** is praised by its owners, but many elite synthesists might overlook it just because of the price, only about \$400 at a discount retailer like **SAM ASH**. Just as with computer elitists and the **C-64**, some musicians would never touch an instrument that cost under \$2000.

The unit conforms to the **GENERAL MIDI** configuration, recognized by the **American MMA (MIDI Manufacturers Association)** and the **Japanese MIDI Standards Committee**. General MIDI is the best idea since MIDI. It means that the layout of the preset patches conforms to a minimum number of sounds

structured in certain banks and program change numbers divided into sixteen banks of eight voices, yielding at least 128 sounds. Even the layout of the drums in your drum kit must conform to **GENERAL MIDI**. What this means is, you can create a song for your **DS-330** and not have to re write the drum portions or re-assign the sequences to proper patches for a new synth, or a new drum machine, regardless of the manufacturer.

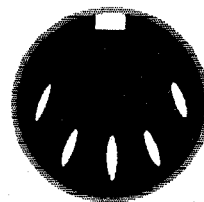
I like the drum kits. There are eight of them, with powerful clean sounds. It includes a brush drum kit, an orchestral kit along with electronic, standard and other kits. Limited editing is available. This is not a synthesizer. It is a digital sample playback unit. It can't sample sounds. It plays back professionally recorded 16-bit samples, and adds optional effects. Sound quality? Pure sound. A few of the patches may seem to be throwaways, but that might just be my taste. I like most of the drum sounds, but I think some of the cymbals could have been better.

If the **CZ-101** is an amoeba, the **DS-330** is a mammal. It's much more advanced than anything in the department stores or the respected (but dead) **Yamaha DX-7** and **DX-7II** -- but I don't rate it a ten. It's more of a seven. The unit has one obvious shortcoming. Though it remembers all the settings you've changed, even after you turn it off, you can't set up more than one multi-timbral setup (song) at a

time. Of course you might have a standard setup that works with a number of songs. I don't work that way. I have sixteen song setups on my **YAMAHA TG-33** that I can call by name. That spoiled me.

This is really nitpicking, but the headphone jack is a mini. I prefer 3/4 inch jacks. I had to go out and buy an adapter to use my headphones directly with the unit. They offer 3/4 inch standard line outputs, **MIDI IN, OUT** and **THRU**. Why top it off with a non-standard headphone jack? It's *not* a Walkman.

If you're an elitist who spends ten thousand on mixers, you might think the **DS-330** is a toy. If you're the average schmo synthesist like me, you'll find the **DS-330** a powerful low cost sound generator. ■



## What IS MIDI?

**MIDI, Musical Instrument Digital Interface**, is a standard of interface and communication between musical instruments. Any MIDI device can be connected to another and thus control it (be a master) or be controlled by an external device (be a slave). The most popular MIDI device is probably the personal computer, but music workstations are fast becoming the norm. Music workstations are keyboards and multitrack MIDI recorders (sequencers) all in one unit.

**MIDI** may be improved upon, but it won't go away. If you're a serious musician, check into MIDI and see what you're missing! ■



## SOUNDSCAPES

by Jeffrey L. Jones

Hear what one man and a computer can do. **SOUNDSCAPES** is 15 fully orchestrated instrumentals. 60 minutes of original soothing music, appearing in **AFTERTOUCH #5**, and is highly rated by the music catalog.

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# LOADSTAR Forum

## CORRECTION!

The 1-800 *GENie* access number given in the last *LOADSTAR LETTER* was incorrect due to a typo. The people responsible are being sacked. The actual number is: 1-800-638-8369. Sorry.

Dear LOADSTAR,

A while back you mentioned that you were going to upload a submissions guide. Did you ever upload it? I have a program that I may submit soon and I would like to get a copy of it if I may. Thanks for any help you could give me.

GENie mail  
B.LUCIER1

*LS: here's the info you need: M625;3 Download file number: 12394. This ARC file contains 663 blocks of programming instruction, warnings and admonishments. It is intended to elevate the intermediate programmer to a more advanced level so that their programs are acceptable to LOADSTAR. If you're looking for hard to find programming info, this self-displaying text will teach you much. MINI TOOLBOX and TOOLBOX 105, from issue #105 are included. Good luck!*

Dear LOADSTAR,

Bravo! Received LS #110 Thursday. This was due to your special 3 month offer several weeks ago. I had dropped 64s quite sometime ago as didn't interest me, but kept up

the 128 LS. Out popped your "LS Letter," Vol 1, Num 1 - again Bravo!!! I immediately phoned and ordered a 6 month extension because of your newsletter. Keep up the good work, and as a 'retired, elderly female,' I had no trouble reading your print. Content very good and am sure will get even better. Do hope, somewhere along the line, you can spare an inch or 2 for the 128.

I did not know GENie rate upped to \$8.95 and not sure what is covered by that rate. And if your d/I software library contains items which have been on LS disks, aren't you breaking your own rule of copyrights - of which I approve? Lastly in going through 64 LS #109 & 110 something weird happened. Recently had my 1750 REU upgraded to 1 meg by Raymond Day (RaymondD2 on QLink). The REU now has a switch (for 512 or 1meg) and 2 small lights (green and yellowish). With Geos (64 or 128) and PCIII (64 or 128) lights are not activated unless I 'use' the REU. With the LS disks (haven't tried 128) both lights are on constantly. Why? Please omit my name. I am a very private person. Thanks.

*LS: In a nutshell, GENie is \$8.95 per month, \$3.00 per hour, with 4 hours free per month.*

*Our programs are copyrighted, but every once in a while, we might choose one to be uploaded to whet*

*appetites. The programs are still under copyright, and are not free to be re-uploaded anywhere else (except where noted).*

*The REU lights? I dunno. I do know that Scott had plans to utilize the REU in our presenter. Maybe he's using the DMA for memory moves.*

Dear LOADSTAR,

Hi Jeff, I have almost finished a program that I'm thinking of submitting to Loadstar. I thought I might inquire first to see if you would have any interest in it.

Typical query

*LS: We have to see the program on disk. I once made the mistake of getting excited online about a program, but when the guy mailed it in, I rejected it. I think I may have damaged my relationship with that programmer, who later turned out to be a regular submitter. By all means, mail in your submission, but I can't comment on them before I see them.*

Dear LOADSTAR,

Hi! I've been subscribing to Loadstar for some time and have really enjoyed your programs. Started with my trusty Commodore 64 by subscribing to Run magazine and trying to type in programs. This took so much time and, even with their check program, I would find errors. When they came out with disks I subscribed to them but your programs are far superior. How about coming up with a program for a bridge game? I enjoy the solitaire disks. I'm a Golden Ager and was impressed with your "Loadstar Letter" and have no trouble reading the type. Delighted to find you are on GENie. Keep up the good work.

GENie Mail from  
Mary K. Ruchalski

*LS: Glad to hear we're doing well. We featured a bridge game on Issue number 46, called BRIDGEBRAIN. ■*

## CLASSIFIEDS

LOADSTAR CLASSIFIEDS are 45 cents per word. Name, address and phone number are free. No minimum. If you've got some hardware to sell or buy, or someone you want to meet, this is a way to get the word out. Looking at the size of this, our first ad, I've decided to lower the rates to 45 cents per word. So join in! Sell that cartridge, those books. Your favorite *FREE* newsletter may depend on your ad.

## HELLO, WORLD!

What the heck? I had an extra \$4.50 to blow. Robert Sewell, 8085-A Kenyon Street, Del Rio, TX 78840



# The CANON BJ-5 Bubble Jet

The *CANON BJ-5* is part of the new wave in bubble jet printers. I bought mine in a *C.O.M.B.* liquidation catalog for \$229. Right off the bat I must tell you that I don't recommend this printer if you expect to make heavy use of it. It's a single-sheet printer. If you're thinking of writing the great American novel, you will go stark raving *mad* inserting each sheet. What I suggest is the *CANON BJ-200*. The quality is the same, but the features are different. As you read this review, also consider the more expensive *BJ-200*.

The bubble jet is coming of age. Prices are lowering while quality is rising. Softdisk owns a fairly old ink jet printer that isn't worth its weight in cow chips. Now bubble jet (the new marketing term for ink jet) printers are synonymous with super-dark quality.

People Email, asking, "Does it work with *GEOS*?" "Have you found a printer driver for it?" Let me explain something about *GEOS* and printer drivers right here: *All* new printers offer some sort of *EPSON* emulation, either in 9-pin or 24-pin mode. Twenty-four pin printers are generally going to offer *EPSON LQ* or *IBM PRO-PRINTER X24* modes. Read my lips here: Though there is a *CANON* native mode, there is no need to burn calories searching for a true *BJ-5* driver. I haven't seen one yet look at this newsletter. Just flip a DIP switch to

*EPSON LQ-2500* or *IBM PRO-PRINTER* and use one of those drivers. To use in everyday computing, just slap in your interface and compute away. You may have to adjust for no line feeds or extra line feeds.

The *BJ-5* is like any 360 DPI 24-pin printer except it doesn't use a wire to deliver the dot. It heats the printhead, vaporizing any of 24 caches of ink, propelling dots into the paper. This ballistic method is highly accurate. The *NRA* would love it -- except it's very quiet. You'll only hear the paper advancing and the rattle of other mechanics in the unit. I can print a page only two feet from my snoring wife.

The unit gives you the impression that it's cheap. It's tiny and plastic. It looks more like a laptop computer than a printer. As a matter of fact, I believe the printer mechanism could be perfectly quiet were it not so cheap and light. That old ink jet we have at Softdisk is much more quiet (and heavy) than today's plastic printers.

If you want to see one in action, you can try your local computer store. If they don't have it, *RADIO SHACK* is selling it, packaged as its own. Don't buy it there unless it's on sale for around \$200. When I saw the *RADIO SHACK* unit, it sold for more than \$340.

The output is identical to 24-pin output except for one thing: It's

uniform. No banding. Banding is uneven ink distribution. You know how you can tell that the print head passed here and here and there, even though there's a "solid" graphic? Well with ink jets there are no fading ribbons. When your ink is gone, it's gone. It reminds you of a laser printer, but it's not quite as sharp because the ink soaks into the paper and causes general blurring. In fact, I have to wait for some pages of this newsletter to dry before I can touch them. Again, if you have a 24-pin 360x360 DPI printer, *don't* expect crisper "better" results. Expect the same results, only darker -- *consistently* darker.

It's kind of funny: I wouldn't have chosen this printer had I purchased it in the store. The box depicts the *BJ-5* with a sheet of paper on the platen. There is *BANDING* on the graphics. I was severely distressed when I unpacked the printer and saw this. Fortunately the graphics must have been nprinted on a 9- or 24-pin impact printer and just placed on the *BJ-5* for the picture. Bad move when there are people like me who will go over the box with a magnifying glass.

Be ye warned that new ink cartridges cost \$24. *RADIO SHACK*'s ink cartridges will work and go for about \$27. The thing is, these cartridges will last a long time -- unless you waste 200 sheets getting your newsletter straight. Also, the quality of the print is renewed because when

you buy a new ink cartridge, you're buying a new print head, too! I haven't tried re-inking the cartridge, but others say it works.

You'll have okay print quality with copy paper, but the ink will soak, causing less than sharp output. I recommend *Georgia Pacific "Hopper Papers"*, on which this newsletter was originally printed. This is smooth high resolution laser printer paper, supposedly clay coated. Whatever it is, it works! *Gilbert 25% cotton 24 pound bond paper* is also good. I've wasted about \$30 on socalled "ink jet" paper from various manufacturers. **DON'T BUY HEWLETT PACKARD INK JET PAPER!** The quality is even worse than copying paper, and you can only print on one side. I think it was made specifically for their printers.

I don't have to say anything about graphics. You can see that in the output you're reading. I highly recommend a bubble jet printer if you can't afford a laser printer.

Now how can I say I don't recommend the *BJ-5* when the quality of this newsletter is so high? The *CANON BJ-200* offers a 100 page sheet feeder at \$299. A 30-page *BJ-5* sheet feeder will cost \$90. I've had one on back order since *puberty*. That's \$310 for a makeshift *CANON BJ-200* with one third the sheet handling capacity? The *BJ-5* is excellent and I recommend it, but for a few dollars more, you'll be a lot happier with a *BJ-200*. ■



# Up Close, With CMD

Recently I had a chance to interview key players at *CMD* while we wriggled our toes on the 95th floor in the Tower Hot Tub.

**LS:** When was *CMD* founded?

**Charlie:** In the fall of 1987.

**LS:** How many people are employed at *CMD*?

**Doug:** We're a deceptively small company. Right now we have about a dozen employees. We often hire additional engineering personnel temporarily when working on large hardware projects. Once a product goes into production, much of the work is done by job shops, such as the manufacture of the individual cases or circuit boards. Thus most of the work which we do here is limited at that point to final assembly and test.

**LS:** It is said that an entrepreneur is an ambitious man with an angry wife, hungry children and a fistful of his last dollars. Who was the driving force behind *CMD* in the early days?

**Mark:** I developed *JiffyDOS* during 1985 and 1986 while working another computer-related job, and began marketing *JiffyDOS* in the fall of 1986 through classified ads in *Computer Shopper* and *Keyboard* magazines. I continued working my other job and marketing *JiffyDOS* this way until fall of 1987, when I got

together with Charlie Jr., my wife's cousin, at a family picnic. I convinced him that *JiffyDOS* was great product for upgrading the performance and ease-of-use of the multitude of *Commodore* computers in use at that time.

Charlie Jr. began helping me part-time with the marketing, sales, and business aspects and helped to formally incorporate *CMD*. With Charlie Jr. helping, *JiffyDOS* sales took off pretty well, and Charlie's father (Charlie Sr.) became interested in investing some money so that Charlie Jr. and I could apply ourselves full-time to *CMD*. In April of 1988 we went full-time, and in the five years since, have slowly built *CMD* into what it is today.

**LS:** Did you run into any trouble with bank loans because you had a "mere" C-64/128 product?

**Charlie:** It was never much of an issue, no, as most everything we have done has been privately funded or guaranteed, mostly due to my father's help and expertise in funding and operating a business.

**Mark:** We did look into a major expansion plan at one point that would have required a lot of funding, and we checked into securing those funds through venture capitalists and some banks which have similar programs. But yes, in that particular case we

did meet with horrified disbelief that we were making products for *Commodore* computers and not the status quo IBM platform.

**Doug:** I'd be willing to bet that *Amiga* and *Apple* developers have run into the same kind of mind-set as well. That disbelief Mark mentioned was coupled with astonishment when they saw the facts and figures showing how many of these computers are really out there, and what we have been able to produce for them thus far.

**LS:** Where did you guys get your computer and electronic education? Certainly not from an *Abacus* bookset?

**Mark:** I've got a degree in computer hardware and software engineering from a local community college. But most of my practical design experience came through working for myself and other companies. Strangely enough, I actually have obtained a good deal of my C-64 and 128 knowledge from an *Abacus* bookset! I've never heard of any schools anywhere that teach C-64 and 128 system engineering!

**Doug:** I took electronics courses all through high school, and then trained for electronics repair in the Army. After I left the service, I spent quite a few years working as an electronics test lab technician for an automotive electronics manufacturer. Eventually I landed a job at *Abacus*

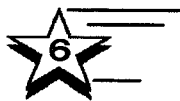
through a friend in our local *Commodore* user group. I had to handle technical support there for products for the *Atari ST*, *Amiga*, *IBM*, as well as for the C-64 and 128, so that is really what shaped my overall education with computers into a broader understanding.

**Charlie:** Well, my education has been in everything but computers. I have a degree in business management, with a concentration in marketing. Although I have the degree, most of my practical business knowledge developed as a result of being brought up around a family business, as well as the experience I gained while running an auto detailing business throughout my college years.

**LS:** I'm surprised that *Commodore* didn't license the *JiffyDOS* ROMs and include them as standard in C-64s, 128s, and 1541/71/81 drives. This would have made the C-64 a faster, friendlier machine right out of the box. Had you ever approached them with that possibility?

**Mark:** Yes, we proposed that to *Commodore* and their response was that they were worried about compatibility problems. When we pointed out that *JiffyDOS* could be easily switched out, they said that the addition of another switch to each of the products would be too costly of an undertaking when considering the additional parts and manufacturing changes required.

**LS:** In the past few years, you've expanded your



*product line. What is CMD doing now?*

**Mark:** Currently we're expanding the scope of our business by carrying products from other manufacturers. This expansion began with our recent inventory buyout of *TechMedia* (the old *RUN* Special Products). In that buyout, we also acquired the rights to the disks previously produced by *RUN*, such as *ReRUN* and their *GEOS* Companion and other disk 'packs'. We've augmented that purchase by bringing in other products for the *Commodore 64* and *128*, such as *Big Blue Reader*, cartridge port expanders, modems, and lots of other things.

**Charlie:** In addition to the things Mark has mentioned, we opened a European office based in Austria to better service our customers in Europe. This has been key to keeping us around, because as the market here in the U.S. matures, our European market combines with it to help us keep the sales volume at an acceptable level.

**LS:** *Do you guys have any free time to spend all the money you're making?*

**Mark:** (Laughing)

**Charlie:** Well, we tend not to pay ourselves very well, in favor of putting more back into development and product line expansion.

**LS:** *Speaking of free time, I hear Charlie Jr. has his hands full with a newborn baby. Congratulations!*

**Charlie:** Thanks! Her

name is Kelly Anne, by the way. You can bet that if I had any free time before, it's gone now. Babies have a way of taking up as much free time as you have, and then some.

**Mark:** You should ask him what he really has his hands full of!

**LS:** *RAMLink gave you major headaches during research and development. How many people and companies told you that RAMLink couldn't be done?*

**Mark:** I personally don't remember anyone telling us it couldn't be done, but after looking back on the number of design changes, modifications, problems and re-modifications required before *RAMLink* became a totally solid product, I don't know if I would want to do it again! But looking at the end result, the number of enthusiastic customers, and the continuing new orders, it certainly has been a huge success.

**Doug:** I can recall a few naysayers - one of the biggest being a someone who designed a product for a competitor of ours. He and a few of his die-hard fans who used to frequent the BBSs left a lot of messages back when we were designing *RAMLink* saying it would never work. I also recall that designer leaving messages talking about how *CMD* wouldn't be around as long as the product he designed or the company that made it. Well, *RAMLink* DOES work the way we said it would, his product is no longer on the market, and the company that made it has been sold, but I don't

suppose we'll hear from him telling us how wrong he was.

**LS:** *I think I heard once that RAMLink has an empty socket in it like the 128. Any chance for adding personalized chips or pop-up utility additions to RAMLink? Or perhaps if you release technical info on the socket, third parties will make a go for it.*

**Mark:** *RAMLink* does not have an extra socket, per se, but it does have provisions for a larger 1-Megabit EPROM [128K] to be installed in place of the standard *RL-DOS* ROM. Using a 1-Megabit EPROM would provide 64K of additional space for other utilities to reside. Due to the complexity of interfacing with the *RAMLink* operating system, and because of copyright legalities, I'd have to say that any such expanded ROMs would have to come directly from *CMD*.

**LS:** *Which is the most misunderstood CMD product?*

**Mark:** I'd have to say *RAMLink*, *RAMCards*, *RTC*, *SIMMs*, *JiffyDOS*, Parallel port, *REU/GEORAM* port, Pass-thru port, *SWAP* feature, and Battery Backup option. All that can be confusing to the average *Commodore* user accustomed to working with a single 1541 disk drive.

**LS:** *When I'm on your online support board I see people attempting very advanced stuff with your products, asking tough questions that I don't even understand.*

*Did you ever think technical support would be so technical?*

**Doug:** It's bound to be that way, considering the power and flexibility of the devices. I usually don't find the extremely technical questions as hard to answer as ones by users who say, "My xxxxxx doesn't work. What do I do?" I'd rather be bombarded by useless or seemingly trivial information about a problem or question than not have enough to provide a meaningful answer. I think we did expect people to get fairly technical with the devices. We included plentiful information in our manuals, going way beyond the needs of average users for that reason.

**LS:** *How are your sales going, foreign and domestic?*

**Mark:** Thanks to our *CMD DIREKT* office, in Germany, foreign sales are increasing. Domestic sales have been declining since the demise of *RUN Magazine*, but we expect a rebound with our direct mail campaign and renewed advertising in *COMPUTE*, *LOADSTAR*, *GEOVISION* AND *TWIN CITIES 64/128*. We'll continue to pursue distribution of more third party products, while continuing to market our own products. As far as development goes, we'll continue to refine our existing product line, and we also have products in development that may expand our market to include other platforms. ■



# From Hard Drives to GEOS Software...CMD's got it all

## RAMLink Power-Backed REU

RAMLink with 0 MB RAMCard	\$199.95
RAMLink with 1 MB RAMCard	\$259.95
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Real-Time-Clock for RAMCard (Optional)	\$20.00
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1 or 4 MB SIMM's	CALL

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FD-2000 (800K and 1.6 MB)	\$179.95
FD-4000 (800K, 1.6 MB and 3.2 MB)	\$249.95
FD Real-Time-Clock Option	\$20.00
Box of 10, High Density Disks (1.6MB)	\$14.95
Box of 10, Enhanced Density Disks (3.2 MB)	\$40.00
Single ED-Disk. (3.2 MB)	\$5.00

## JiffyDOS

(Specify computer and drive serial number)

JiffyDOS C64-System	\$49.95
JiffyDOS SX-64 System	\$49.95
JiffyDOS C-128 System	\$59.95
JiffyDOS 128-D System	\$59.95
Additional Drive ROM's	\$24.95

## CMD Software

gateWay/64 or 128 (GEOS Desktop)	\$29.95
Collette Utilities (Handy Geos Utilities)	\$19.95
Perfect Print LQ for GEOS (Laser-like output)	\$49.95
geoMakeBoot (Makes Bootable copies)	\$12.95
CMD Utilities (Powerful Disk Utilities)	\$24.95
JiffyMON (ML Monitor for JiffyDOS 64)	\$19.95

## GEOS

GEOS 64 v2.0	\$44.00
GEOS 128 v2.0	\$49.00
geoCalc 64	\$40.00
geoCalc 128	\$45.00
geoFile 64	\$40.00
geoFile 128	\$45.00
geoProgrammer	\$45.00
geoPublish	\$40.00
geoChart	\$29.00
Desk Pack Plus	\$29.00
FONTPACK	\$25.00
International FONTPACK	\$25.00
geoBASIC	\$20.00
BeckerBASIC	\$20.00
RUN GEOS Companion	\$20.00
RUN GEOS Power Pak I or II (Specify)	\$20.00

## Games

AcroJet	\$12.00
Airborne Ranger	\$16.00
Atomino	\$17.00
Ballistix	\$13.00
Blackjack Academy	\$12.00
Blood Money	\$15.00
Chomp!	\$10.00
Conflict in Vietnam	\$16.00
Elvira, Mistress of the Dark	\$13.00
F-15 Strike Eagle	\$16.00
F-19 Stealth Fighter	\$20.00
Laser Squad	\$13.00
Mainframe	\$13.00
Marble Madness	\$13.00
Menace	\$15.00
Navy Seal	\$10.00
Red Storm Rising	\$16.00
Rings of Medusa	\$16.00
RUN C128 Funpak	\$15.00
RUN C64 Gamepak	\$15.00
RUN C64 Strategy Games 1 or 2 (Specify)	\$15.00
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September/October	Nov/Dec
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May/June	July/August
September/October	Nov/Dec
- 1989 -	
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May/June	July/August
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May/June/July	Aug/Sept/Oct
Summer Spcl.	Nov/Dec
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- 1993 -	
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- 1988 -	
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- 1989 -	
January, February, March, April, May, June, July, August, September, October	
- 1990 -	
January, May, June/July, December	
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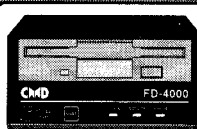
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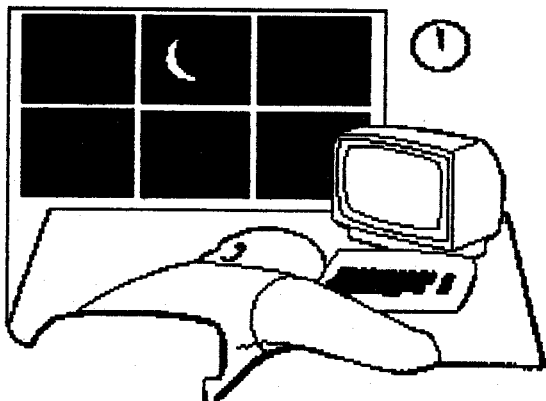
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## The Back Page

by Jeff Jones

W h e w ! T h e newsletter filled before I was ready. Some articles that I promised are still on the hard drive, waiting for the next issue.

The **LOADSTAR LETTER** wasn't shipped with **LOADSTAR #111**. It didn't make it to press on time. I'll try to keep the

newsletter monthly in the future, never less frequent than bi-monthly.

I got plenty of letters praising the letter, and a few with very constructive criticisms. Thanks for your support. Now if I want to squeeze in these ads, I had better stop typing!

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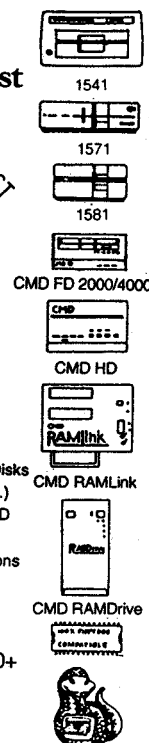
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